Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Friday 08 Dec 2023 until 23:59 on Saturday 09 Dec 2023

Forecast Issued on Thursday 07 Dec 2023 at 13:53

Confidence: High for very unsettled conditions. Medium on timings and cloud details.

Headline for Friday 08 Dec 2023: Rain, heavy at times. Windy at height.

Mountain weather hazards on Friday 08 Dec 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Fog	Drizzle	Drizzle	Light rain	Light rain	Heavy Rain	Heavy Rain	Heavy Rain
Precipitation probability							
40%	60%	60%	60%	80%	80%	70%	70%

Forecast for Friday 08 Dec 2023

Weather: Mostly cloudy overnight with occasional rain and drizzle. The rain becoming heavy and more persistent during the morning, then little change.

Chance of cloud-free hill tops above 600m: 40%

Low Cloud and visibility: Extensive cloud, base around 600m, occasional or patches to 300m. Visibility moderate to very poor, but good at times lower down, particularly in the east of the park.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Friday 08 Dec 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/21 S	16/24 S	18/25 S	18/26 S	20/29 S	19/28 S	19/28 SW	21/31 SW	23/34 SW
300	5/14 SE	6/17 S	9/22 S	11/23 S	13/27 S	13/27 S	13/27 SW	14/30 SW	16/33 SW
Valley	5/17 SE	7/22 S	10/24 S	11/26 S	11/26 S	12/27 S	12/27 S	13/28 SW	15/31 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-1	4/-1	4/-2	4/-2	4/-1	4/-1	4/-1	4/-1	4/-2
300	5/3	5/3	5/2	5/2	6/2	6/2	6/3	6/3	6/2
Valley	6/5	7/5	7/4	7/4	8/5	8/4	8/4	8/5	7/4
Freezing Level*	1300m	1300m	1300m	1300m	1300m	1400m	1500m	1500m	1500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Navigational difficulties expected at height due to low cloud.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Thu 07 Dec 2023	11.2mm	11.4mm	20mm

Forecast for Saturday 09 Dec 2023

Weather: Heavy and persistent rain, perhaps easing a little around the middle of the day. River and streams expected to be full. Turning stormy at height with significant buffeting and the risk of being blow over.

Maximum wind: Increasing West 40 to 50mph gusting 70mph in the afternoon.

Chance of cloud-free hill tops above 600m: 30%

Low Cloud and visibility: Extensive cloud, base around 600m, occasional or patches to 300m. Visibility moderate to very poor.

Temperature: **Valleys:** Plus 5 to 9 Celsius
At 600m: Plus 3 to 5 Celsius
Freezing level: Above the summits

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